SIEMENS

Data sheet	**6GT2600-4AD00**

product type designation	**MDS D400 transponder**
	Transponder MDS D400 for RF200/RF300 ISO/MOBY D PVC ISO card, ISO 15693, Chip type FUJITSU MB89R118, 2000 byte FRAM user memory 85x 54x 0.8 mm (LxWxH); Minimum order quantity 50 units

suitability for operation	RF200, RF300, MOBY D
radio frequencies	
operating frequency / rated value	13.56 MHz
range / maximum	650 mm; range is reader dependent: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	ISO 15693
transfer rate / with radio transmission / maximum	26.5 kbit/s
product feature / multitag-capable	Yes
electrical data	
product component / backup battery	No
memory	
type of memory	FRAM
storage capacity / of the user memory	2000 byte
type of memory organization	UID (fixed code) 8 bytes, user memory 2000 bytes, configuration memory 40 bytes
number of read cycles / at ambient temperature < 40 °C / maximum	1000000000000
number of write cycles / at ambient temperature < 40 °C / maximum	1000000000000
data retention time / at ambient temperature < 40 °C / not less than	10 y
property of memory	Block-by-block write protection of the user memory
type of transponder chip used	Fujitsu MB89R118
mechanical data	
material	PVC laminated plastic
color	white
mounting distance / relating to metal surfaces / recommended / minimum	20 mm
ambient conditions	
ambient temperature	
● during read/write access	-20 ... +60 °C
● outside the read/write area	-20 ... +60 °C
● during storage	-20 ... +60 °C
protection class IP	IP67
shock resistance	According to DIN EN 60721-3-7 Class 7 M3
resistance to mechanical stress	acc. to ISO 10373/ ISO 7816-1
design, dimensions and weights	

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width	54 mm
height	0.8 mm
depth	85.6 mm
net weight	5 g
fastening method	gluing, mounting bag (see accessories)
product features, product functions, product components / general	
product feature	
● printable	Yes
printing process	Printable on both sides
standards, specifications, approvals	
certificate of suitability	
● IECEx	No
MTBF	228 y
accessories	
accessories	Fixing strap, holder, spacer
further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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